

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
Math											
MATH 017 Basic Math and Study Skills						3 Units					
This course focuses on building whole number arithmetic skills to prepare students for MATH 020. This course covers arithmetic operations on whole numbers, a brief introduction to fractions and decimals, and incorporates study skills for success in mathematics courses. 54 lecture hours.											
30008	Nguyen, C.	MW	05:25 PM-06:50 PM	MA 124	02/17-06/12						
30009	Lei, L.	TR	08:20 AM-09:45 AM	MA 108	02/17-06/12						
30007	Reagan, D.	TR	11:30 AM-12:55 PM	MA 223	02/17-06/12						
30010	Swatzel, J.	MTWR	08:20 AM-09:45 AM	PS 106	02/17-04/10						
First Eight Weeks; Fast Track/Learning Communities Class: Must also enroll in 30894 Counseling 145 (16-weeks), Must pass Math 017 with a C or better to move on to second eight week section 30020 Math 020 class.											
MATH 020 Arithmetic Fundamentals						3 Units					
Prerequisite: Placement is based on multiple on multiple assessment measures or completion of MATH 017. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. The four basic operations of arithmetic on whole numbers, fractions, and decimals, with applications. Ratios, proportions, and percents with applications. 54 lecture hours.											
30016	Low, J.	MW	09:55 AM-11:20 AM	MA 124	02/17-06/12						
30013	Nalbandyan, Z.	MW	05:25 PM-06:50 PM	MA 230	02/17-06/12						
30019	Medrano, E.	TR	08:20 AM-09:45 AM	MA 222	02/17-06/12						
30017	Low, J.	TR	09:55 AM-11:20 AM	MA 222	02/17-06/12						
30011	Nguyen, T.	TR	01:05 PM-02:30 PM	ES 610	02/17-06/12						
30012	Leung, S.	TR	05:25 PM-06:50 PM	MA 124	02/17-06/12						
30020	Swatzel, J.	MTWR	08:20 AM-09:45 AM	PS 106	04/19-06/12						
Second Eight Weeks; Fast Track/Learning Communities: Must also enroll in 30010 Math 017 first eight weeks and pass with a C or better. Must also enroll in 30894 Counseling 145 (16-week) class.											
30018	Medrano, E.	MTWR	09:55 AM-11:20 AM	PS 106	02/17-04/10						
Fast Track - First Eight Weeks; Must also enroll in CRN 30079 Math 029 in the second eight weeks.											
30015	Low, J.	MTWR	01:00 PM-02:30 PM	PS 106	02/17-04/10						
Fast Track - First Eight Weeks; Must also enroll in CRN 30073 Math 029 in the second eight weeks.											
MATH 029 Pre-Algebra						3 Units					
Prerequisite: Placement is based on multiple assessment measures or successful completion of MATH 020. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. This course is designed to prepare a student for Elementary Algebra. Topics include a review of arithmetic, a study of signed numbers, an introduction to fundamental algebraic concepts, solving equations, and solving applied problems.											
NOTE: THE UNITS EARNED FOR THIS COURSE MAY NOT BE APPLIED TOWARD THE 60 UNITS FOR GRADUATION. 54 lecture hours, 20 lab hours.											
30113	Medrano, E.	MW	08:20 AM-09:45 AM	ES 610	02/17-06/12						
	Medrano, E.	M	09:55 AM-11:00 AM	LS 120	02/17-06/12						
30025	Chun, M.	W	11:30 AM-12:35 PM	LS 120	02/17-06/12						
	Chun, M.	MW	09:55 AM-11:20 AM	ES 610	02/17-06/12						
30023	Trad, M.	MW	11:30 AM-12:55 PM	PS 106	02/17-06/12						
	Trad, M.	W	01:05 PM-02:10 PM	LS 120	02/17-06/12						
30053	Casey, D.	M	01:05 PM-02:10 PM	LS 120	02/17-06/12						
	Casey, D.	MW	11:30 AM-12:55 PM	ES 610	02/17-06/12						
30119	Paek, H.	MW	01:05 PM-02:30 PM	ES 610	02/17-06/12						
	Paek, H.	W	02:40 PM-03:45 PM	LS 120	02/17-06/12						
30022	Lopez, E.	MW	05:25 PM-06:50 PM	ES 610	02/17-06/12						
	Lopez, E.	M	07:00 PM-08:05 PM	LS 120	02/17-06/12						
30031	Kim, E.	T	09:55 AM-11:00 AM	LS 120	02/17-06/12						
	Kim, E.	TR	08:20 AM-09:45 AM	ES 610	02/17-06/12						
30033	Scott, C.	TR	09:55 AM-11:20 AM	ES 610	02/17-06/12						
	Scott, C.	T	11:30 AM-12:35 PM	LS 120	02/17-06/12						
30051	Casey, D.	T	01:05 PM-02:10 PM	LS 120	02/17-06/12						
	Casey, D.	TR	11:30 AM-12:55 PM	ES 610	02/17-06/12						
30028	Ng, S.	T	05:25 PM-06:30 PM	LS 120	02/17-06/12						
	Ng, S.	TR	03:50 PM-05:15 PM	ES 610	02/17-06/12						
30036	Lopez, E.	T	07:00 PM-08:05 PM	LS 120	02/17-06/12						
	Lopez, E.	TR	05:25 PM-06:50 PM	ES 610	02/17-06/12						
30079	Medrano, E.	MR	11:30 AM-12:35 PM	LS 120	04/19-06/12						
	Medrano, E.	MTWR	09:55 AM-11:20 AM	PS 106	04/19-06/12						
Fast Track - Second Eight Weeks; Must also enroll in CRN 30018 Math 020 in the first eight weeks.											
30073	Low, J.	MTWR	01:05 PM-02:30 PM	PS 106	04/19-06/12						
	Low, J.	MR	02:40 PM-03:45 PM	LS 120	04/19-06/12						
Fast Track - Second Eight Weeks; Must also enroll in CRN 30015 Math 020 in the first eight weeks.											
MATH 130 Elementary Algebra						4 Units					
Prerequisite: Placement is based on multiple assessment measures or completion of MATH 029 with min. grade of C. Strongly recommended: READ 099 if required by reading placement exam or if required by reading level. Fundamental operations with polynomials and rational expressions, products and factoring, linear and quadratic equations in one variable, inequalities, exponents, radicals, graphing linear equations, systems of equations, applications and introduction to functions. 90 lecture hours.											
30210	Gutierrez, J.	MTWR	07:00 AM-08:10 AM	MA 108	02/17-06/12						
30212	Cummins, S.	MTWR	08:20 AM-09:30 AM	MA 230	02/17-06/12						
30211	Casey, D.	HRS-ARRG			02/17-06/12						
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de											
30214	Gong, C.	MTWR	10:00 AM-11:10 AM	MA 126	02/17-06/12						
30256	Tussy, A.	MTWR	11:30 AM-12:40 PM	MA 207	02/17-06/12						
30254	Low, J.	MTWR	11:35 AM-12:45 PM	MA 222	02/17-06/12						
30213	Gong, C.	MTWR	11:35 AM-12:45 PM	MA 126	02/17-06/12						
30273	Morrison, J.	MW	07:15 AM-09:45 AM	MA 223	02/17-06/12						
30301	Trad, M.	MW	08:20 AM-10:50 AM	LB 105	02/17-06/12						
Learning Communities Class: Must also enroll in 31130 Counseling 160 class.											
30272	Gutierrez, J.	MW	08:30 AM-11:00 AM	MA 109	02/17-06/12						
30278	Morrison, J.	MW	10:10 AM-12:40 PM	MA 223	02/17-06/12						
30299	Swan, A.	MW	01:05 PM-03:35 PM	MA 207	02/17-06/12						
30268	Trad, M.	TR	01:05 PM-03:35 PM	MA 207	02/17-06/12						
30257	Swatzel, J.	MW	02:40 PM-05:10 PM	MA 222	02/17-06/12						
30283	Morrison, J.	MW	02:45 PM-05:15 PM	MA 223	02/17-06/12						
30285	Odrich, S.	MW	07:00 PM-09:30 PM	MA 126	02/17-06/12						
30311	Trad, M.	TR	08:30 AM-11:00 AM	MA 125	02/17-06/12						
30306	Paek, H.	TR	02:00 PM-04:30 PM	MA 126	02/17-06/12						
30304	Nguyenhuu, R.	TR	03:50 PM-06:20 PM	MA 108	02/17-06/12						
30305	Odrich, S.	TR	07:00 PM-09:30 PM	MA 126	02/17-06/12						
30328	Medrano, E.	HRS-ARRG			02/17-06/12						
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de Students will be required to come to campus to take exams in the Testing Center. Check citruscollege.edu for Testing Center hours. You will not use Blackboard for this class.											
MATH 148 Intermediate Algebra I						2.5 Unit:					
Prerequisite: MATH 130. Presents the first half of a two-semester alternative to intermediate algebra. (MATH 150). Real number properties, first degree equations and inequalities, absolute value equations and inequalities, applications, polynomials, the binomial theorem, factoring, rational expressions, exponents, radicals, and complex numbers. 54 lecture hours.											
NOTE: BOTH MATH 148 AND MATH 149 MUST BE COMPLETED TO SATISFY A MATH 150 PREREQUISITE. MAY NOT BE TAKEN CONCURRENTLY WITH MATH 149 OR MATH 150.											
31124	Swan, A.	TR	01:05 PM-02:30 PM	MA 223	02/17-06/12						

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
-----	------------	------	------	------	---	-----	------------	------	------	------	---

MATH 149 Intermediate Algebra II **2.5 Unit:**

Prerequisite: MATH 148.
Presents the second half of a two-semester course in intermediate algebra. This course enables students to complete Intermediate Algebra (MATH 150) at a slower pace. Quadratic equations, applications, formulas, linear equations and inequalities, variation, functions, linear systems, conics, inverse functions, exponential, and logarithmic functions. 54 lecture hours.
NOTE: BOTH MATH 148 AND MATH 149 MUST BE COMPLETED TO SATISFY ANY PREREQUISITE REQUIRING INTERMEDIATE ALGEBRA. THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH MATH 150. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150.
31123 Nguyenhuu, R. MW 01:05 PM-02:30 PM MA 223 02/17-06/12

MATH 150 Intermediate Algebra **5 Units**

Prerequisite: MATH 130.
Real number properties, first degree equations and inequalities, absolute value equations and inequalities, applications, polynomials, the binomial theorem, factoring, rational expressions, exponents, radicals, complex numbers, quadratic equations, applications, formulas, linear equations and inequalities, variation, functions, linear systems, conics, inverse functions, exponential, and logarithmic functions. 90 lecture hours. NOTE: THIS COURSE MAY NOT BE TAKEN CONCURRENTLY WITH EITHER MATH 148 or 149. STUDENTS MAY NOT EARN MORE THAN A TOTAL OF FIVE UNITS IN ANY COMBINATION OF MATH 148, 149 AND 150.
30340 Tussy, A. MTWR 07:00 AM-08:10 AM MA 207 02/17-06/12
30339 Swan, A. MTWR 07:00 AM-08:10 AM MA 109 02/17-06/12
30342 Tussy, A. MTWR 08:30 AM-09:40 AM MA 207 02/17-06/12
30343 Cummins, S. MTWR 10:00 AM-11:10 AM MA 230 02/17-06/12
30337 White, S. MTWR 10:00 AM-11:10 AM MA 207 02/17-06/12
30344 Cummins, S. MTWR 11:35 AM-12:45 PM MA 230 02/17-06/12
30338 White, S. MTWR 11:35 AM-12:45 PM MA 124 02/17-06/12
30345 Zhuang, Y. MTWR 11:35 AM-12:45 PM MA 206 02/17-06/12
30347 Gonzalez, R. MTWR 02:40 PM-03:50 PM MA 230 02/17-06/12
30348 White, S. MW 07:15 AM-09:45 AM MA 124 02/17-06/12
31048 Chun, M. MW 07:15 AM-09:45 AM LS 120 02/17-06/12
31049 Everest, R. MW 08:50 AM-11:20 AM MA 222 02/17-06/12
30349 Gong, C. MW 01:05 PM-03:35 PM MA 126 02/17-06/12
30350 Everest, R. MW 01:05 PM-03:35 PM MA 206 02/17-06/12
30351 Zhuang, Y. MW 01:05 PM-03:35 PM MA 108 02/17-06/12
30352 Everest, R. TR 08:50 AM-11:20 AM MA 124 02/17-06/12
30353 Nguyenhuu, R. TR 08:50 AM-11:20 AM MA 223 02/17-06/12
30354 Nguyenhuu, R. TR 01:05 PM-03:35 PM MA 109 02/17-06/12
30356 Zhuang, Y. TR 01:05 PM-03:35 PM MA 108 02/17-06/12
30357 Scott, C. TR 07:00 PM-09:30 PM MA 108 02/17-06/12
30335 Trad, M. HRS-ARRG 02/17-06/12

DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
All exams must be taken on campus in the Citrus College Testing Center during the indicated time period. Generally you will have a one week window to take the exam. Check citruscollege.edu to confirm testing center hours.
You will not use Blackboard for this class.

30334 Swatzel, J. HRS-ARRG 02/17-06/12
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
ALL exams must be taken on campus in the Citrus College Testing Center during the indicated time period. Generally you will have a one week window to take the exam. Check citruscollege.edu for Testing Center hours.
You will not use Blackboard for this class.

MATH 151 Plane Trigonometry **4 Units**

Prerequisite: MATH 131 and MATH 149 or MATH 150.
Functions, the trigonometric functions, their graphs and identities: laws of sines and cosines; solutions of triangles; trigonometric equations; inverse trigonometric functions; polar coordinates; DeMoivre's Theorem; exponential and logarithmic functions. 72 lecture hours. CSU
30368 Gonzalez, R. MTWR 08:35 AM-09:45 AM MA 206 02/17-05/27
30370 Gonzalez, R. MTWR 09:55 AM-11:05 AM MA 206 02/17-05/27
30371 Casey, D. TR 01:05 PM-03:10 PM MA 126 02/17-06/12
30372 Riderer, L. MW 07:00 PM-09:05 PM MA 124 02/17-06/12

MATH 160 Survey of Mathematics **3 Units**

Prerequisite: MATH 149 or MATH 150.
A course in mathematical concepts for the liberal arts student. Topics include sets and logic, problem solving, numeration systems, consumer applications, geometry, probability, statistics, and computer applications. 45 lecture hours, 27 lab hours. CSU
30373 Anderson, B. MW 10:50 AM-12:55 PM MA 108 02/17-06/12

MATH 162 Introductory Mathematical Analysis **4 Units**

Prerequisite: MATH 149 or 150.
Concepts of function and limits: applied calculus emphasizing techniques of integration and differentiation with applications in social and life sciences, business administration, economics, and engineering technology. 72 lecture hours. CSU UC
30374 Paek, H. MW 10:00 AM-12:05 PM MA 125 02/17-06/12
30383 Paek, H. TR 07:00 PM-09:05 PM MA 125 02/17-06/12

MATH 165 Introductory Statistics **4 Units**

Prerequisite: MATH 149 or MATH 150.
Introductory course to statistics and probability, descriptive analysis, and presentation of data, hypothesis testing, statistical inference, normal curve, chi square, and applications in diverse disciplines. 72 lecture hours. CSU UC
30398 Gonzalez, R. MTWR 01:05 PM-02:15 PM MA 230 02/17-05/27
30399 Zhuang, Y. MW 07:40 AM-09:45 AM MA 125 02/17-06/12
30404 Swan, A. MW 09:15 AM-11:20 AM ES 616 02/17-06/12
30403 Gutierrez, J. MW 11:30 AM-01:35 PM MA 109 02/17-06/12
30401 Anderson, B. MW 03:00 PM-05:05 PM PS 106 02/17-06/12
30400 Tippins, R. W 05:25 PM-07:30 PM MA 206 02/17-06/12
Tippins, R. HRS-ARRG 02/17-06/12
DISTANCE EDUCATION HYBRID CLASS Class will meet every Wednesday 5:25 PM-7:30PM. On the Mondays that the class does not meet, students will need to complete assignments in the DE format (online). See www.citruscollege.edu/de
30408 Swan, A. TR 09:15 AM-11:20 AM ES 616 02/17-06/12
30406 Anderson, B. TR 11:30 AM-01:35 PM MA 125 02/17-06/12
30405 Anderson, B. TR 03:00 PM-05:05 PM PS 106 02/17-06/12
30427 Tippins, R. HRS-ARRG 02/17-06/12
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de
30407 Gutierrez, J. TR 10:05 AM-12:10 PM MA 108 02/17-06/12

MATH 169 Mathematics for Elementary Teachers II **3 Units**

Prerequisite: MATH 168.
Second class for elementary school teachers. Course covers topics in measurement, geometry, probability and statistics. Techniques in the design of instruction delivery will be explored. 54 lecture hours, 18 lab hours. CSU UC
30416 Everest, R. TR 01:05 PM-03:10 PM MA 206 02/17-06/12

MATH 170 College Algebra **3 Units**

Prerequisite: MATH 149 or MATH 150.
Polynomial, rational, exponential, and logarithmic functions; matrices and determinants; theory of equations; analytic geometry, and mathematical induction. 54 lecture hours. CSU UC
30421 Swan, A. TR 11:30 AM-12:55 PM MA 109 02/17-06/12
30423 Zhuang, Y. TR 05:25 PM-06:50 PM MA 126 02/17-06/12
30426 Tippins, R. HRS-ARRG 02/17-06/12
DISTANCE EDUCATION CLASS After registering go to www.citruscollege.edu/de

MATH 175 Pre-Calculus **4 Units**

Prerequisite: MATH 151.
Preparation for calculus; polynomial, rational, exponential, logarithmic, and trigonometric functions; analytic geometry; mathematical induction. 72 lecture hours. CSU UC
30428 Tippins, R. MW 01:05 PM-03:10 PM MA 125 02/17-06/12
30429 Scott, C. MW 05:25 PM-07:30 PM MA 109 02/17-06/12
30430 Tippins, R. TR 08:30 AM-10:35 AM MA 109 02/17-06/12

MATH 190 Calculus with Analytic Geometry I **4 Units**

Prerequisite: MATH 175.
Introduction to differential and integral calculus with applications; functions; limits; and continuity; techniques of differentiation; exponential; logarithmic; and inverse trigonometric functions. 72 lecture hours. CSU UC
30432 Swatzel, J. MTWR 01:25 PM-02:35 PM MA 222 02/17-05/27
30433 Nguyenhuu, R. MW 08:20 AM-10:25 AM MA 108 02/17-06/12

Note: Course Dates indicate Beginning and Ending Dates

M=Monday, T=Tuesday, W=Wednesday, R=Thursday, F=Friday, S=

CRN	Instructor	Days	Time	Room	D	CRN	Instructor	Days	Time	Room	D
-----	------------	------	------	------	---	-----	------------	------	------	------	---

MATH 191 Calculus with Analytic Geometry II 4 Units

Prerequisite: MATH 190.

Continuation of integral calculus with applications; techniques of integration; sequences and series; analytic geometry; plane curves; parametric equations; and polar coordinates. 72 lecture hours. CSU UC

30434 Riderer, L. MW 02:40 PM-04:45 PM MA 109 02/17-06/12

30435 Riderer, L. TR 02:40 PM-04:45 PM MA 222 02/17-06/12

MATH 210 Calculus with Analytic Geometry III 4 Units

Prerequisite: MATH 191.

Vectors, calculus of functions of more than one variable, partial derivatives, multiple integration, vector calculus, Green's Theorem, Stokes' Theorem, and divergence theorem. 72 lecture hours. CSU UC

30436 Riderer, L. TR 04:50 PM-06:55 PM MA 222 02/17-06/12

MATH 211 Differential Equations 4 Units

Prerequisite: MATH 210.

First and Second Order (Linear and Non-linear) Differential Equations, with emphasis on modeling applications. Numerical Methods. Basic Linear Algebra. Systems of Linear and Non-linear Differential Equations and their applications.

Application of Linear Algebra to Systems. Power Series Methods. 72 lecture hours, 18 lab hours. CSU UC

30437 Gutierrez, J. TR 01:05 PM-03:35 PM MA 124 02/17-06/12